

TO: Medical Staff, House Staff, Nursing Staff, Patient Care Centers and Outpatient Clinics

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DATE: January 25, 2021

RE: Changes to available TEG assays

As of January 27, 2021, the UCM Coagulation Laboratory will be changing the available thromboelastography (TEG) testing panels. TEG testing will remain available 24/7 (i.e., all 3 shifts, Monday through Sunday). TEG will continue to be available either with or without Pathologist interpretation.

Available TEG packages will decrease from four to three and all packages will be able to detect fibrinolysis.

The three TEG packages orderable in EPIC will be:

Test name	TEG1 Standard	TEG2 Heparin	TEG Transfusion Evaluation
Instrument	TEG 5000	TEG 5000	TEG 6S
Availability	24/7		
Pathologist Interpretation	IF REQUESTED		
<b>TEG Reagents and Parameters Reported</b>	<b>Kaolin</b>	R K Angle MA Ly30	R K Angle MA Ly30 Ly30
	<b>Kaolin with Heparinase</b>		R K Angle MA Ly30
	<b>Rapid TEG</b>		MA
	<b>Functional Fibrinogen</b>		FF MA

**TEG1 Standard**- If No Heparin or Massive Bleed. The package includes results with TEG Kaolin only. Indications: for non-operative bleeding/clotting.

**TEG2 Heparin**-ECMO, Cardiopulmonary Bypass, etc. The package includes results with both TEG Kaolin and TEG Kaolin with Heparinase. Indications: for patients receiving heparin

therapy (cardiopulmonary bypass, ECMO, other complicated patients on heparin drips). The Heparinase channel can neutralize up to 6 U/mL of UFH.

***TEG Transfusion Evaluation.*** The package includes results with TEG Kaolin, Rapid TEG, and TEG Functional Fibrinogen. Indications: for bleeding/operative patients not receiving heparin.

Prior TEG packages "TEG 6S" will remain orderable transiently so as to handle existing patient orders and exhaust the remaining reagents. Once reagents are exhausted, all TEG 6S orders will automatically be substituted for TEG Transfusion Evaluation.

Prior TEG package "TEG#3" will no longer be orderable in EPIC, but will serve as our backup test for TEG 6S instrument down-time or if TEG TE orders transiently exceed our testing capacity.

TEG testing results will continue to be available for real-time viewing at UCMC workstations. Remote, real-time viewing of the tracing is via TEG Manager software, which can be accessed from UCMC Applications. If the TEG Manager icon is not displayed in individual users' UCMC applications menu page, they will need to fill out a SARF for access to the TEG Manager program: <http://home.uchospitals.edu/tools/apps/sarf>

For questions, please contact Krzysztof Mikrut, Laboratory Manager, at 773-702-1315, or Geoffrey Wool, MD PhD, Medical Director, at 773-926-1455.